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(54) Bobbin device

(57) A bobbin device for use as a bite indicator or weight in rod and line fishing comprises a socket member 10 for attachment to the rod 21 and a hollow bobbin 13 with means 18 for detachably securing it to the socket member 10 and with means 17 for engaging it with the line 20. The bobbin 13 may be arranged to be opened for the introduction of weighting means or a light cell thereinto.

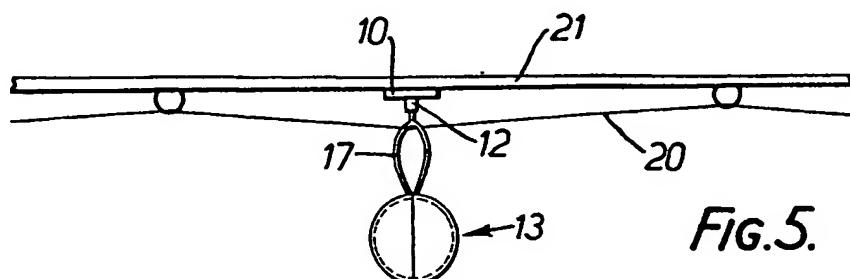


FIG.5.

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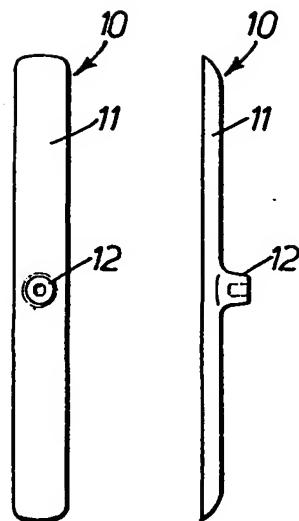


FIG.1. FIG.2.

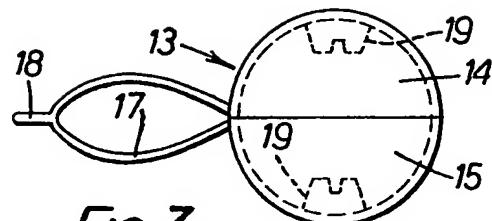


FIG.3.

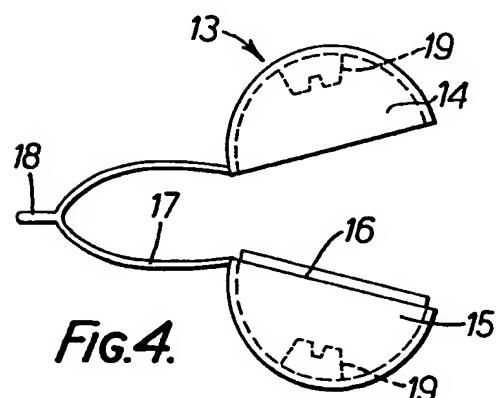


FIG.4.

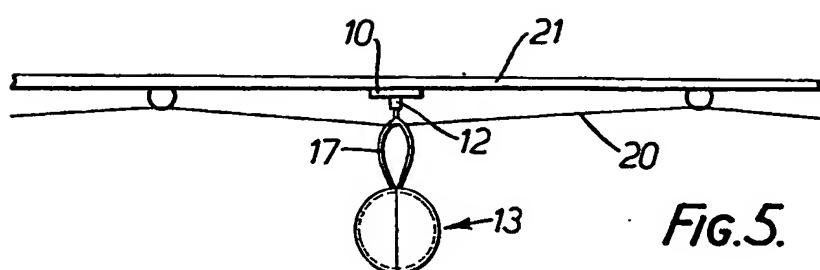


FIG.5.

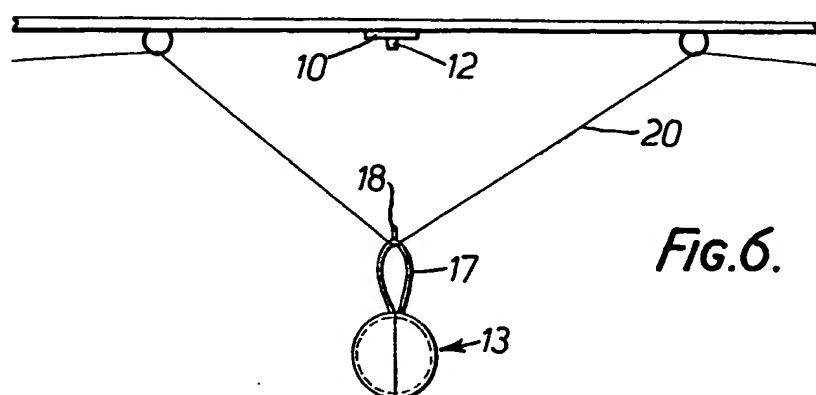


FIG.6.

SPECIFICATION

Improvements in and relating to fishing devices

5 This invention relates to a device for use in rod and line fishing and more particularly to a bobbin device for use as a bite indicator or weight.

The principal object of the invention is to provide such a bobbin which is inexpensive, can be detachably secured to the line easily and quickly, and which can be varied in weight to suit the fishing conditions.

10 According to the invention, a bobbin device for use as a bite indicator or weight in rod and line fishing, comprises a socket member for attachment to the rod and a hollow bobbin provided with means for detachably securing it to the socket member and with means for engaging it with the line.

15 According to one embodiment, the bobbin comprises a substantially spherical body that is adapted to be opened so that the weight thereof may be varied by the introduction of suitable weighting means thereinto. Preferably, the spherical body is adapted to be opened diametrically.

20 According to a further feature of the invention, a light cell may be enclosed within a light-transmitting hollow bobbin to render the bobbin visible in the dark and in this case the two portions of the bobbin will be permanently sealed together to avoid the possibility of losing the light cell.

25 According to a preferred embodiment, the bobbin comprises two substantially hemi-spherical portions adapted to be detachably or permanently secured together around their adjacent circumferences, a spur-shaped portion connecting said hemi-spherical portions and terminating in a spigot adapted to be detachably engaged in the socket of the socket member, said spur-shaped portion forming a guide for the line.

30 The socket member and/or the bobbin may conveniently be produced by moulding a suitable plastics material such as nylon.

35 One embodiment of the invention will now be described by way of example with reference to the accompanying drawings, in which:

40 Figures 1 and 2 are front and side elevations of the socket member.

45 Figures 3 and 4 show the bobbin in the open and closed positions respectively, and

50 Figures 5 and 6 illustrate the manner of using the device.

55 Referring first to Figures 1 and 2, the socket member 10 comprises a plate 11 which may be secured to the rod in any convenient manner and which is formed with a socket 12. Referring now to Figures 3 and 4, the bobbin 13 comprises two hemi-spherical portions 14 and 15, the portion 15 being formed with a lip 16 for engagement by the portion 14. A spur-shaped portion 17 connects the hemi-spherical portions 14 and 15 and terminates in a spigot 18

60 adapted to be detachably engaged with the socket 12. The hemi-spherical portions 14 and 15 are formed with internal bosses 19 for supporting a light cell within the bobbin.

65 The manner of using the device is illustrated in Figures 5 and 6.

The bobbin 13 is supported by the line 20 by passage thereof through the spur 17 and, when casting, as shown in Figure 5, the bobbin is secured to the socket member 10 on the rod 21 by the engagement 70 of the spigot 18 with the socket 12. After casting, the bobbin is detached from the socket member and is suspended on the line, as shown in Figure 6, thereby acting as a bite indicator and/or weight.

It will be seen that the weight of the bobbin can be 75 easily and quickly varied, without the necessity of removing it from the line, simply by opening the spherical portion of the bobbin and inserting suitable weighting material therein.

80 A bobbin device in accordance with the present invention may advantageously be used in combination with a bite indicator according to the copending application No. 50669/76, in which case it acts as an additional bite indicator and weight.

CLAIMS

85 1. A bobbin device for use as a bite indicator or weight in rod and line fishing, comprising a socket member for attachment to the rod and a hollow bobbin provided with means for detachably securing it to the socket member and with means for engag- 90 ing it with the line.

2. A device according to claim 1, wherein the bobbin comprises a substantially spherical body that is adapted to be opened so that the weight thereof may be varied by the introduction of suitable weight- 95 ing means thereinto.

3. A device according to claim 2, wherein the spherical body is adapted to be opened diametri- cally.

4. A device according to claim 2 or claim 3, 100 wherein the spherical body is formed of light- transmitting material and a light cell is enclosed within said body to render the device visible in the dark, the two portions of the spherical body being permanently secured together.

105 5. A device according to any of the preceding claims, comprising two substantially hemi-spherical portions adapted to be detachably or permanently secured together around their adjacent circumferences, a spur-shaped portion connecting said hemi- 110 spherical portions and terminating in a spigot adapted to be detachably engaged in the socket of the socket member, said spur-shaped portion forming a guide for the line.

115 6. A device according to claim 5, wherein one of said hemi-spherical portions is formed with a lip for engagement by the other hemi-spherical portion.

7. A device according to claim 5 or 6, wherein said hemi-spherical portions are formed with internal bosses for supporting a light cell placed therein.

120 8. A device according to any of the preceding claims, wherein the socket member and/or the bobbin have been produced by moulding a suitable plastics material.

9. A device according to claim 8, wherein said plastics material is nylon.

125 10. A bobbin device for use as a bite indicator or weight in rod and line fishing, substantially as hereinbefore described with reference to the accom- 130 panying drawings.

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